

S/146/63/006/001/013/014
D201/D308

AUTHORS: Churilovskiy, V. N. and Gol'dis, K. I.

TITLE: An apochromatic katoptric system replacing a parabolic mirror

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye, v. 6, no. 1, 1963, 118-126

TEXT: The authors consider the design of an apochromatic katoptric system which can replace a parabolic mirror. The system has no aspherical surfaces and consists of two lenses (with an air gap between them) made of optical glass of the same composition and manufacture. The closing surface of the second lens is coated with a reflective layer. The analysis of design formulas and experimental measurements show that the third order aberration of the system is the same as that of a parabolic mirror and that the system also exhibits the apochromatic correction over a wide range of the spectrum. There are 4 figures and 2 tables.

Card 1/2

An apochromatic katoptric ...

S/146/63/006/001/013/014
D201/D308

ASSOCIATION: Leningradskiy institut tochnoy mekhaniki i optiki
(Leningrad Institute of Precision Mechanics and Optics)

SUBMITTED: April 5, 1962

Card 2/2

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURIN, A.I.; KLYACHKO, V.A.

Present state of the desalinization of water. Vest. AN SSSR 35
no.6:34-47 Je '65.
(MIRA 18:8)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURIN, G.K.
KHODYKIN, G.A.; CHURIN, G.K.

Use of loading trucks in lumbering. Mekh.trud.rab. 9 no.1:
45-46 Ja'55. (MIRA 8:3)
(Fork lift trucks)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

STVOLINSKIY, Yu.; CHURIN, I.

Vladimir Rasumov's rockets. Av. i kosm. no.1:30-35 Ja '66.
(MIRA 1981)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

STVOLINSKIY, Yu.; CHURIN, I.

Scouts of space tracks. Av. i kosm. 47 no.7:42-47 J1 :65.
(MIRA 18:6)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

14(0)

SOV/92-59-2-37/40

AUTHOR: Churin, I. I., Director of the Spasskaya Bulk Plant

TITLE: Landscaping the Bulk Plant and Its Housing Settlement (Ozeleneniye neftebazy i zhilogo poselka)

PERIODICAL: Neftyanik, 1959, Nr 2, p 34 (USSR)

ABSTRACT: The author states that the residential district of the oilmen settlement of the Spasskaya bulk plant is being improved each year. Trees are planted systematically, and the area around the bulk plant and its housing settlement looks like a park. The first trees were planted in 1946. Now there are 1350 trees, of which 360 are fruit trees. The fruit harvest is distributed among the residents of the settlement. Female members of oilmen families living in the bulk plant settlement take active part in improving the landscape of the bulk plant area.

ASSOCIATION: Spasskaya neftebaza Primorskogo TIU (The Spasskaya Bulk Plant of the Primorsk TIU)

Card 1/1

CHURIN, I.I.

Work practice of a tank farm. Neftianik 5 no.7:18 Jl '60.

(MIRA 14:9)

1. Direktor Spasskoy neftebazy Primorskogo territorial'no-tekhni-
cheskogo uchastka.

(Tanks)

CHURIN, I.L.

CHURIN, I.L., mashinist, deputat Verkhovnogo Soveta SSSR.

Twenty-three years operating an electric locomotive. Elek. i tepl.
tiaga no.11:30 N '57. (MLRA 10:11)

1. Depo Chusovskaya Sverdlovskoy dorogi.
(Electric locomotives)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURIN, I.N.

Hydrostatic elements with regulators. Stan. i instr. 36
no. 12:1-4 D '65 (MIRA 19:1)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

LEVIT, G.A.; CHURIN, I.N.

Screw-nut fluid friction transmission (hydrostatic). Stan.
i Instr. 35 no.10;11-15 O '64.
(MIRA 17:12)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

СИРИН, К. Д.

СИРИН, К. Д.

Churin, Kh. D. "The present state and prospects for the development of agriculture in Western Kazakhstan" (From a paper read at the 4th (Gur'yev) session of the Academy of Sciences of the Kazakh SSR), Vestnik Akad. nauk Kazakh. SSR, 1949, No. 2, p. 78-85.

So: U-3261, 10 April 53, (letopis 'Zhurnal 'nykh Statey, no. 12, 1949).

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

CHURIN, Kh.D., kand. sel'khoz. nauk, dots.; VASIL'YEV, B.M., dots.;
BELOV, A.I., kand. ekon. nauk; ASHIRYAYEV, Sh.V., dots.;
TSYPLKIN, G.I., kand. sel'khoz. nauk; KAPLINA, G.T., dots.;
ANDRONOV, I.G., dots.; VASIL'YEV, V.I.; KONDION, A.K.;
MAKAROV, A.P., nauchnyy sotr.; ZHIZNEVSKIY, F.V., red.;
MOSIYASH, S.P., red.; KRINITSKIY, V.A., red.; NAGIBIN, P.,
tekhn. red.

[Economics of Kazakhstan agriculture]Ekonomika sel'skogo kho-
ziaistva Kazakhstana. Alma-Ata, Kazsel'khozgiz, 1962. 325 p.
(Kazakhstan—Agriculture—Economic aspects) (MIRA 16:3)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURIN, Kh.D., kand. sel'khoz. nauk; SHIRYAYEV, Sh.V., kand. ekon. nauk; MERKULOV, O., red.kart

[Agriculture in Kazakhstan on the upsurge] Sel'skoe khoziaistvo Kazakhstana na pod"eme. Alma-Ata, 1963. 55 p.
(Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Kazakhskoi SSR. Seriia: Za vysokuiu kul'turu zemledeliia, no.5)
(MIRA 17:4)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

L 41041-66 EWT(m)

ACC NR: AP6013736

(A) SOURCE CODE: UR/0089/66/020/004/0352/0354

AUTHOR: Pozdnyev, D. B.; Churin, S. A.

ORG: none

TITLE: Backscattering of low energy Gamma radiation from finitely thick barriers

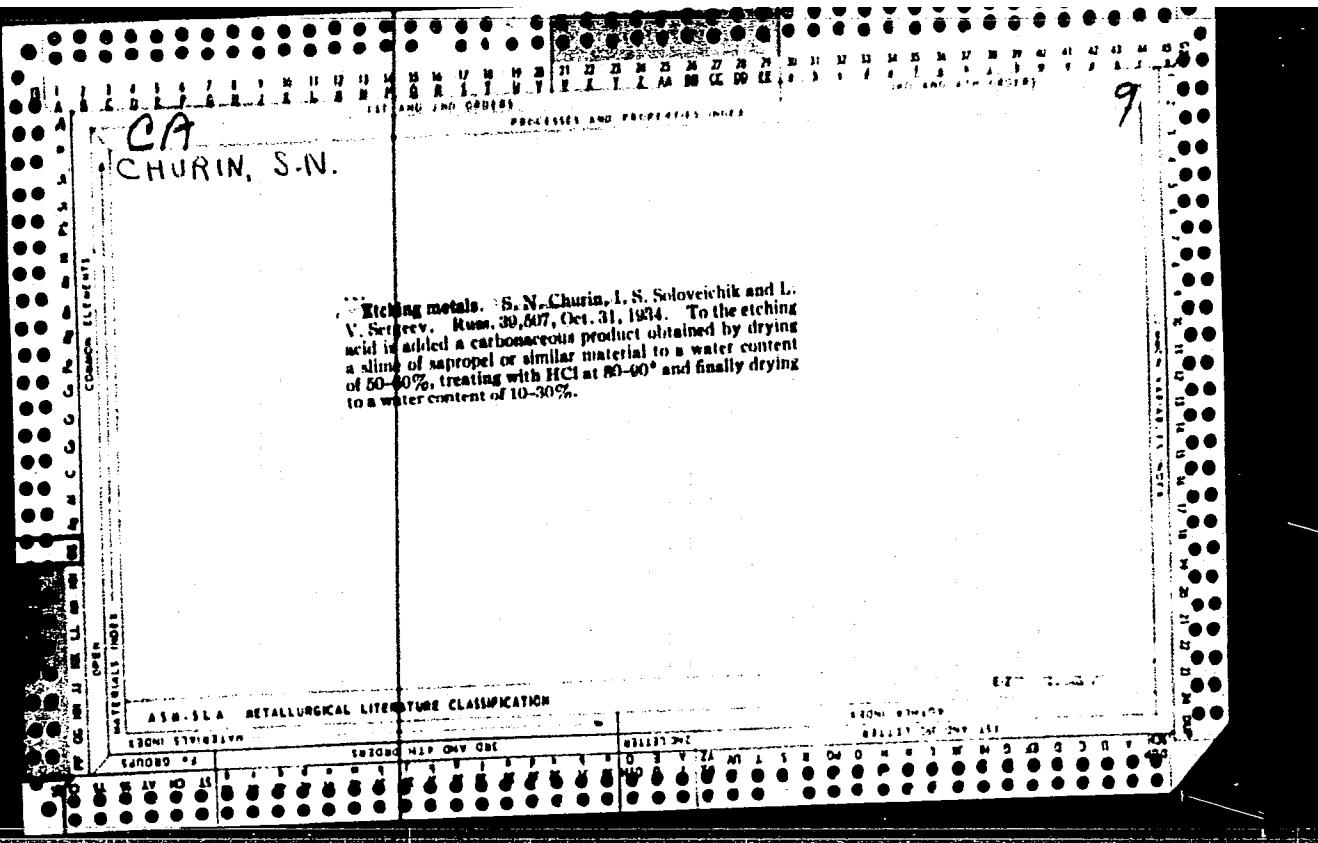
SOURCE: Atomnaya energiya, v. 20, no. 4, 1966, 352-354

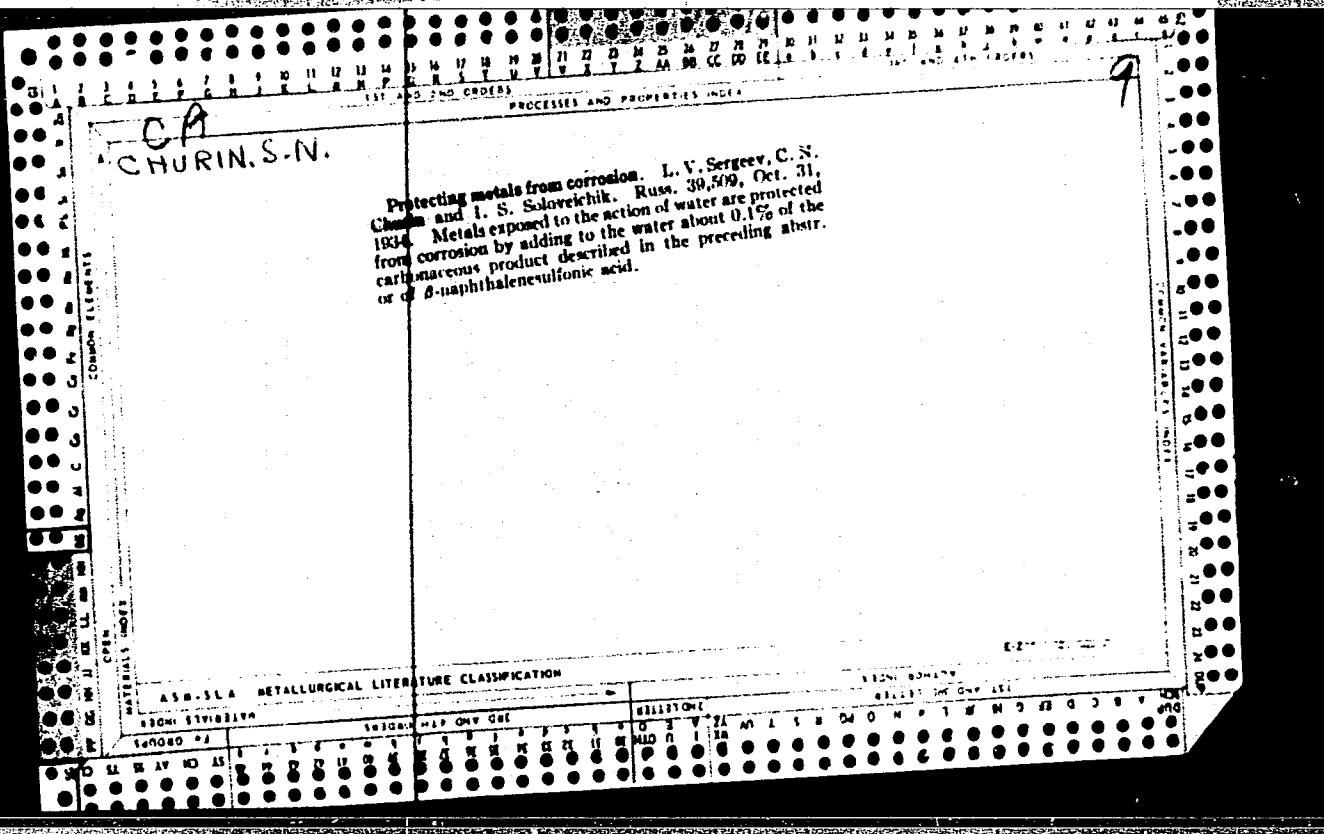
TOPIC TAGS: Gamma radiation, radiation shielding, gamma scattering

ABSTRACT: In some experiments it is greatly desirable to have an estimate of the portions of γ -radiations which are reflected from finitely thick shielding barriers. Since the published data provide information about γ -rays from Co^{60} only, the authors studied experimentally the dependence of the differential albedo (for the zero angle between the normal to the surface of the scatterer and the source-detector axis) on the thickness of the scatterer. Point sources of Ce^{141} , Hg^{203} , Cr^{51} , and Nb^{95} were used; the low energy γ -quanta region from 0.145 to 0.765 MeV was examined. Registration was carried out by an $\text{NaJ}(\text{Tl})$ scintillation spectrometer. Graphite, Ae , Fe , and Cd were used as scatterers. The results are presented in the form of graphs and comprehensive tables. The authors thank L. Ye.

UDC: 539.122:539.171

H
HO
B





LOMANOV, A.M.; SAL'NIKOV, N.A.; CHURIN, S.N.

Constructing walls made of gypsum slabs with the aid of a moulding board.
Rats. i izobr. predl. v stroi. no.96:3-6 '54. (MIRA 8:7)

1. Trest Mosgrazhdanugleshilstroy Ministerstva ugol'noy promyshlennosti.
(Walls)

CHURIN, S.N.

Moving the SBK-1 tower crane from one track to another without
dismantling. Rats. i izobr. predl.v strel. no.119:15-19 '55.
(Cranes, derricks, etc.) (MIRA 9:7)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURIN, V.

Registration and statistics of accidents. Okhr. truda i sots.
strach. no.5:74-77 My '59. (MIRA 12:9)
(Industrial accidents)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

CHURIN, V.; SHAROVA, A., DAVIDOVICH, V.

The new equipment and industrial hygiene. Sov.profsoiuzy. 7
no.10:18-21 My '59.
(Industrial hygiene)

CHURIN, V.A.

USSR/Miscellaneous - Industrial Processes

Card 1/1

Author : Churin, V. A.

Title : Universal device for groove cutting under plates in cutter rods

Periodical : Stan. i Instr., No. 5, 28 - 29, May 1954

Abstract : Brief description is given of an universal device for groove cutting. Groove cutting with this device is always carried out at longitudinal feeding of the table. Drawings showing the arrangement of this new device are included.

Institution : ...

Submitted : ...

CHURIN, Vladimir Aleksandrovich: ROZIN, A.I., redaktor; KOVALENKO, N.I
tekhnicheskij redaktor.

[Hard-alloy tools in repair shops of metallurgical plants and
mines] Tverdosplavnyi instrument v remontnykh tsakhakh metallur-
gicheskikh zavodov i rudnikov. Sverdlovsk, Gos.nauchno-tekhn.
izd-vo lit-ry po chernoi i tsvetnoi metallurgii, Sverdlovskoe
otd-nie, 1955. 195 p.
(Cutting tools) (MLRA 8:8)

BELOV, A.I., inzhener; CHURIN, V.A., inzhener.

Device for removing the boring bit from the rod. Gor,zhur. no.6;
63 Je '56.
(MLRA 9:8)
(Rock drills)

15(2); 25(1); 25(2) PHASE I BOOK EXPLOITATION SOV/1278

Churin, Vladimir Aleksandrovich, Engineer

Tverdyye splavy v gornom dele (Use of Hard Alloys in Mining)
Sverdlovsk, Metallurgizdat, 1958. 143 p. 3,200 copies printed.

Ed.: Taran, M.I.; Ed. of Publishing House: Tsymbalist, N.N.; Tech.
Ed.: Zef, Ye. M.

PURPOSE: This book is intended for engineers and technicians in the mining industry and may also be useful to drillers and workers engaged in drill-bit setting and sharpening operations.

COVERAGE: The book deals with the production and use of rock drill bits with hard-alloy tips, noting both Soviet and non-Soviet achievements in this field. Descriptions are given of the technological processes of manufacturing boring bars and drill heads and bits having hard-alloy tips. Recommendations are made

Card 1/6

Use of Hard Alloys in Mining

SOV/1278

concerning the tipping of drilling tools at mines. No personalities are mentioned. There are 23 references, of which 22 are Soviet and 1 is English.

TABLE OF CONTENTS:

Introduction	3
Ch. I. Hard Alloys Used in Mining	5
1. General information	5
2. Chemical composition of hard alloys	6
3. Physical and mechanical properties of hard alloys	7
4. Types of hard alloys and their uses	9
5. Basic data on the production of sintered carbides	12
6. Range of products for tipping rock-drilling tools	18
7. Required quality for hard-alloy tips (as specified in GOST 4411-48 and 880-53)	19

Card 2/6

Use of Hard Alloys in Mining

SOV/1278

8. Fused hard alloys	20
Ch. II. Tools for Combination Cable and Rotary Drilling	23
1. Perfecting tools for combination cable and rotary drilling of blast holes	23
2. Drills with hard-alloy tips	24
3. Detachable drill bits	27
4. Boring stems for drill bits	33
5. Drill bits for pneumatic percussion drills	35
6. Hard-alloy tipped drill bits made by the "Vidia" Plant (West Germany)	37
Ch. III. Manufacture of Tools for Combination Cable and Rotary Drilling	40
1. Drill steel	40
2. Steel for the manufacture of detachable drill bits	42
3. Basic data on methods of manufacturing demountable drill bits having hard-alloy tips	43

Card 3/6

Use of Hard Alloys in Mining

SOV/1278

4.	Methods of manufacturing drills with hard-alloy tips	45
5.	Manufacture of boring stems with demountable drill bits	58
6.	Cutting hard-alloy tips	68
7.	Resistance welding of boring stems and drills	69

Ch. IV. Use of Hard-alloy Tipped Tools for Combination Cable
and Rotary Drilling

1.	Selecting hard-alloy tips of suitable size	72
2.	Preparation of boring stems and drill bits for operation	74
3.	Drilling with sectional and one-piece drills	75
4.	Repair of boring stems and demountable drill heads	77
5.	Abrasives for sharpening tools with hard-alloy tips	80
6.	Norms for the consumption of green silicon carbide grinding wheels for repeated sharpening of drilling tools	86
7.	Abrasive sharpening of tools with hard-alloy tips	87
8.	Electro-erosion sharpening of tools with hard-alloy tips	91

Card 4/6

Use of Hard Alloys in Mining

SOV/1278

9.	Norms for the consumption of hard alloy in combination rotary and cable drilling	93
10.	Registration and storage of drilling tools at mines	95
11.	Collection of hard-alloy waste	97
Ch. V. Hard-alloy Tipped Tools for Rotary Drilling		100
1.	Tools for rotary core drilling	100
2.	Tools for rotary drilling	107
Ch. VI. Fusing Hard-alloy Tips on Bits for Cable Tool Drilling and on Fast-wearing Mining Equipment Parts		113
1.	Hard facing bits for cable tool drilling	113
2.	Hard facing of fast-wearing parts with "Stalinite" hard-alloy	120
Ch. VII. The Drilling Tool Shop of a Mine		128
1.	Organization of the Production of Drilling Tools at the Mine	128

Card 5/6

Use of Hard Alloys in Mining

SOV/1278

2. Equipment and its layout at the shop

132

Conclusions

134

Appendix I

137

Appendix II

141

Bibliography

172

AVAILABLE: Library of Congress

GO/ksv
3-13-59

Card 6/6

GULITSKIY, N.I., inzh.; LOPATIN, V.A., inzh.; CHURIN, V.M., inzh.

Automatic control of the power output of a charge-resistance furnace.
Mekh.i avtom. proizv. 17 no.2:8-9 F '63. (MIRA 16:2)
(Electric furnaces) (Electric controllers)

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.;
YANKOVSKAYA, Z.V.; BORODULENKO, I.K., otv. red.; SMOLEV,
B.V., red.; KRYAKOVA, D.M., tekhn.red.

[Manual on safety engineering and industrial sanitation
in four volumes] Spravochnik po tekhnike bezopasnosti i
proizvodstvennoi sanitarii v chetyrekh tomakh. Izd.2.,
perer. i dop. Sost. S.S.Sidorochkin i dr. Otv. red.
I.K.Borodulenka. Leningrad, Sudpromgiz. Vol.4. [Regula-
tions, instructions, norms] Pravila, instruktsii, normy.
1963. 588 p.
(MIRA 17:3)

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.;
YANKOVSKAYA, Z.V.; POKROVSKIY, M.N., otv. red.; PENOVA,
Ye.M., red.; SOSIPATROV, O.A., red.; KOMAROVA, N.P., red.

[Handbook on safety engineering and industrial sanitation in
three volumes] Spravochnik po tekhnike bezopasnosti i proiz-
vodstvennoi sanitarii v trekh tomakh. Leningrad, Sudostroenie.
Vol.2. 1965. 679 p. (MIRA 18:10)

1. Russia (1923- U.S.S.R.) Laws, statutes, etc.

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.;
YANKOVSKAYA, Z.V.; KUZNETSOV, Ye.I., otv.red.; KAZAROV, Yu.S.,
red.; KAMOLOVA, V.M., tekhn.red.

[Handbook on accident prevention and industrial sanitation; in
three volumes] Spravochnik po tekhnike bezopasnosti i pro-
myshlennoi sanitarii; v trekh tomakh. Leningrad, Gos.sciuznec
izd-vo sudostroit.promyshl. Vol.2. [Regulations, instructions,
norms] Pravila, instruktsii, normy. 1959. 525 p.

(MIRA 13:2)

(Industrial safety)

(Industrial hygiene)

KISELEV, Yakov L'vovich; CHURIN, Vyacheslav Nikolayevich; YEVSTIGNEYEVA,
L.A., red.; TIMOFEEVA, N.V., tekhn. red.

[Industrial hygiene and safety measures; collection of the most
important decrees and regulations] Okhrana truda i tekhnika
bezopasnosti; sbornik vashneishikh postanovlenii i pravil. Mo-
skva., Gos. izd-vo iurid. lit-ry, 1961. 493 p. (MIRA 14:9)

1. Russia (1923- U.S.S.R.) Laws, statutes, etc.
(Industrial hygiene--Law and legislation)
(Industrial safety--Law and legislation)

SIDOROCHKIN, S.S.; OSMINKIN, Ya.M.; CHURIN, V.N.; YUSHTIN, Ye.I.;
YANKOVSKAYA, Z.V.; BORODULENKO, I.K., otv. red.; SMOLEV, B.V.,
red.; FRUMKIN, P.S., tekhn. red.

[Manual on safety engineering and industrial hygiene in four
volumes] Spravochnik po tekhnike bezopasnosti i proizvodstven-
noi sanitarii v chetyrekh tomakh. 2., perer. i dop. izd.
Sost. S.S. Sidorochkin i dr. Otv. red. I.K. Borodulenka. Lenin-
grad, Sudpromgiz. Vol.1. [General regulations] Obshchie polozhe-
nia. 1962. 575 p. (MIRA 15:10)

(Industrial hygiene—Laws and legislation)
(Industrial safety—Laws and legislation)

CHURIN, V.S., inzhener

Two-sided blueprinting of technical documents. Standartizatsiia
no. 2:65-67 Mr-Ap '55 (MIRA 8:7)
(Blueprints--Standards)

CHURIN, Vladimir Semenovich, inzh.; DYMARSKIY, P.A., red.; FREGER, D.P.,
tekhn.red.

[Blueprinting two-page spreads of technical papers] Dvustoronnee
svetokopirovaniye tekhnicheskikh dokumentov. Leningrad, 1956. 30 p.
(Leningradskii dom nauchno-teknicheskoi propagandy. Informatsionno-
tekhnicheskii listok, no.5. Organizatsiia i ekonomika proizvodstva)
(Blueprinting)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURIN, V.S., inzhener.

Regulating the classification system of standards and specifications.
Standartizatsiya no.3:50-51 My-Je '56. (MLRA 9:9)
(Standards, Engineering)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

L 18730-63 BDS
ACCESSION NR: AP3004892

8/0120/63/000/004/0067/0072

47

AUTHOR: Kononov, B. N.; Churin, Yu. A.

TITLE: Shaping devices using tunnel diodes

SOURCE: Pribory* i tekhnika eksperimenta, no. 4, 1963, 67-72

TOPIC TAGS: tunnel-diode shaping device, shaping device, inductance shaper, cable-section shaper, shaper, tunnel diode

ABSTRACT: Pulse-shaping devices — inductance shapers and shapers utilizing cable sections — using tunnel diodes driven by scintillation radiation detectors are discussed. The circuit of the inductance shaper is shown in Fig. 1a of Enclosure. The initial operating point in the vicinity of the maximum volt-ampere diode characteristic (Fig. 1b) is fixed by resistor R_1 and insures the high sensitivity of the shaper. Low resistance R_4 , which determines the diode static load line and ensures a regime with one stable state, is selected on the basis of $R_4 > \rho_{\min}$, where ρ_{\min} is the minimum absolute value of negative resistance. The signal voltage is applied to the shaper through resistor R_3 ; higher resistance sources, like photomultipliers, can be connected directly to the circuit. At the appearance of a steep front input signal, the inductance current varies only

Card 1/5

L 18730-63.

ACCESSION NR: AP3004892

slightly, and the major part of the control current is fed to the diode capacitance, causing a rapid switching of the current to point B (see Fig. 1b). The next pulse through resistor R_4 and the nonlinear resistance of the diode returns the circuit to the initial state. The duration of output pulse peak is determined mainly by the variation time of the inductance current and depends only slightly on input signal amplitude. Shaper sensitivity may amount to fractions of a milliampere and may be limited by temperature dependence of the maximum volt-ampere characteristic current (I_1) of the diode. The experimental circuits used n-type Ge diodes operated stably within the temperature range of 0 to +60°C with a sensitivity of $0.2I_1$ at 20°C. The circuit shown in Fig. 1a forms pulses with an amplitude of about 300 mv and a duration of 60 nsec. However, this type of circuit has an insufficient input-signal amplitude range, does not ensure satisfactory signal-duration uniformity, and makes it difficult to form short pulses. These shortcomings can be eliminated by operating the circuit as a multivibrator, i.e., by triggering it with long high-amplitude signals. Better results are obtained with pulse-forming circuits using cable sections. A schematic diagram of such a shaper is shown in Fig. 2. The circuit determining its operating conditions is similar to that of the inductance shaper. Resistor R_4 prevents short-circuiting of the cable, and the voltage gradient occurring in the diode after

Card 2/5

L 18730-63

ACCESSION NR: AP3004892

the appearance of the input pulse spreads along the cable. The voltage wave of opposite polarity reflected from the short-circuited end of the cable returns the diode to the initial state. When the inductance is low the sensitivity of the circuit in respect to the wave reflected from the cable end increases, thereby expanding the range of input pulse amplitude. Experiments have demonstrated that shapers using Ge diodes with an I_1 below 4 to 5 mamp and a cable characteristic impedance of 75 to 100 ohm operate satisfactorily in a range of input pulse amplitudes varying by a factor of 10. The operation was checked during the triggering of the device by the pulses of a scintillation detector using Co^{60} as a source. At a range of photomultiplier-pulse amplitudes varying by a factor of over 10, the amplitude spread of formed pulses did not exceed 15%, while the spread of response delays was 3 to 5 nsec. Orig. art. has 10 figures. S.

ASSOCIATION: none

SUBMITTED: 24Aug62

DATE ACQ: 28Aug63

ENCL: 02

SUB CODE: SD

NO REF Sov: 005

OTHER: 001

Card 3/5

L 8101-66 EWT(1)/EWA(h)

ACC NR: AP5027027

SOURCE CODE: UR/0120/65/000/005/0139/01h2

AUTHOR: Churin, Yu. A.ORG: Institute of Precision Mechanics and Computing Technology, AN SSSR, Moscow
(Institut tochnoy mekhaniki i vychislitel'noy tekhniki AN SSSR)

TITLE: High-frequency short-pulse shaper 25

SOURCE: Pribory i tekhnika eksperimenta, no. 5, 1965, 139-142

TOPIC TAGS: pulse shaper, high frequency, tunnel diode, transistor

ABSTRACT: A high-frequency short-pulse shaper is described in detail. The shaper consists of high-speed transistors and tunnel diodes. It can operate with pulses of any shape and either polarity at amplitudes of not less than 0.5 v and frequencies up to 50 Mc. The shaper consists of five stages. The first generates a steep pulse front, the second is a pulse duration shaper, the third generates synchro-pulses, and the fourth and the fifth are positive and negative pulse shapers, respectively. The amplitude is adjusted continuously from 0 to 3.5 v.

Card 1/2

UDC: 621.373.44

UDC: 621.373.44

L 8101-66

ACC NR: AP5027027

at a load of 75 ohm. The frequency adjustments of the synchro-pulses are carried out by varying the static scale of a tunnel diode. All adjustments in the pulse shaper are made independently from one another. A circuit diagram for the shaper is included in the paper. An attempt was made to use two such shapers as two-channel pulse generators with a time shift. Under such conditions the output frequency can reach 70-80 Mc. The shaper can be useful in high-frequency logical systems or as a high-speed electronic device. Orig. art. has: 5 figures.

[04]

SUBM DATE: 29Jul64/ SUBM CODE: 09/ SUBM DATE: 29Jul64/ ATD PRESS: 4146

Card 2/2

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

GEL'FAND, Yu.S.; PORTNOVA, M.I.; CHURINA, A.A.

Analysis of increased navigation in 1961 in the lower Yenisey.
Probl. Arkt. i Antarkt. no.12:127-130 '63. (MIRA 16:7)
(Yenisey River--Navigation)

APPROVED FOR RELEASE: 06/12/2000

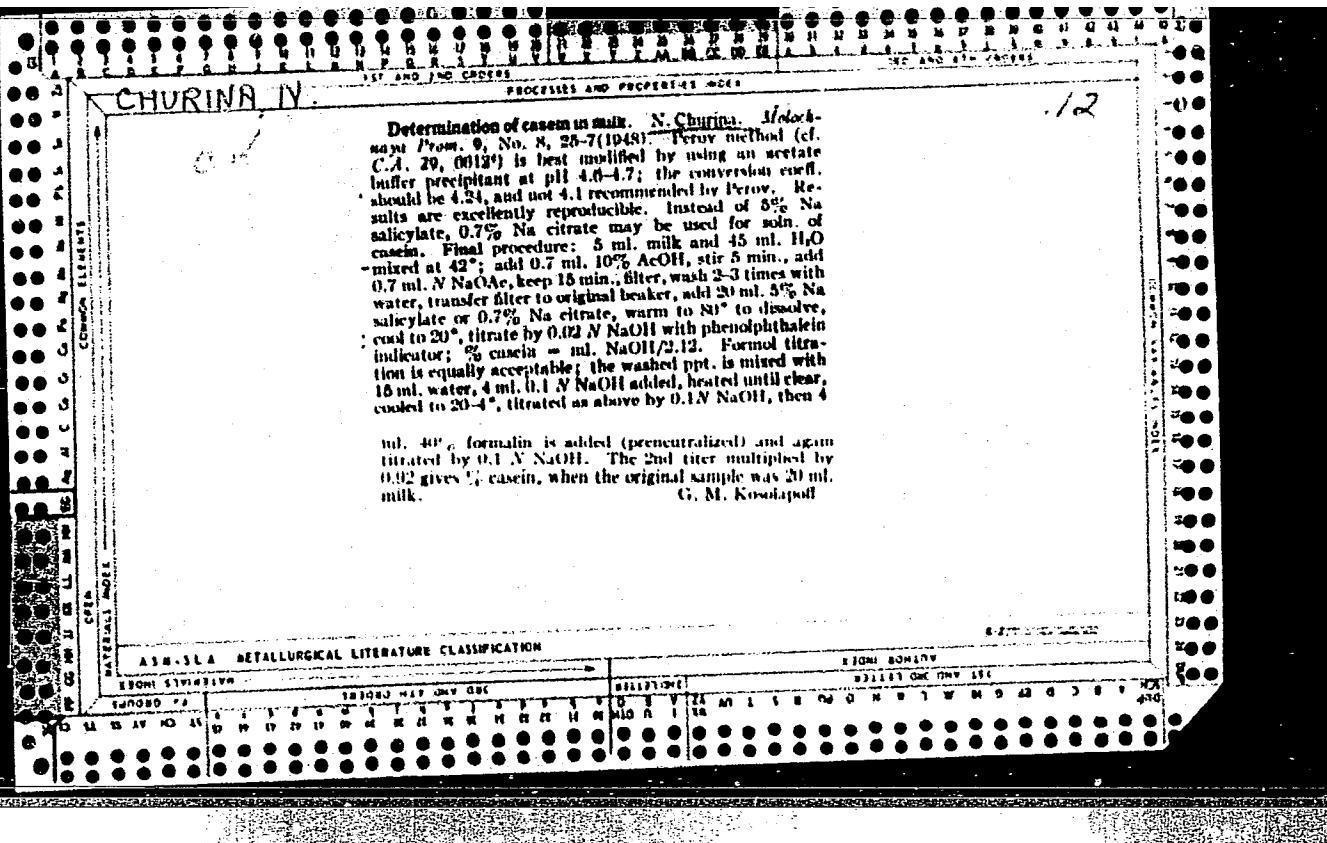
CIA-RDP86-00513R000509130003-0"

CHURINA, A.N.

[Collection of problems on the course "Strength of materials"] Sbornik zadach po kursu "Soprotivlenie materialov." Moskva, Vses. zaochnyi energ. in-t. Pt.1. Izd.2., isp. 1963. 100 p. (MIRA 17:5)

CHURINA, B.M.

1. LEVIN, B. YU. : CHURINA, B. M.
2. USSR (600)
4. Woodwork
7. Work methods of progressive woodworker Aleksandr Dolzhenko. Der. i lesokhim. prom.
1 no. 3. 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.



CHURINA, N.P.

ELLERN, S.S. (Kazan'); TROYEPOL'SKIY, V.I. (Kazan'); MURAV'YEV, I.S. (Kazan');
IVANOV, Ye.Ye. (Kazan'); KOROBOVA, N.F. (Kazan'); MALYSHEVA, O.N.
(Kazan'); CHURINA, N.P. (Kazan')

Stratigraphy and facies structure of the Devonian in the Tatar
A.S.S.R. Uch.zap.Kaz.un. 115 no.10:85-88 '55. (MIRA 10:5)
(Tatar A.S.S.R.--Geology, Stratigraphic)

LIVYY, G.V.; GAL'PEROVICH, M.G.; VASILYUK, N.Z.; SOPRIKO, A.Ye.;
KAZARINA, N.I.; CHURINA, V.I.; GIL'MAN, B.A.; YEGOROV, K.A.;
GONCHAR, Ye.G.

Method of refining the skin side of fur articles made with low
grade peltry; Soviet Certificate of Inventions No.147290. Kozh.-
obuv.prom. 4 no.8:43 Ag '62. (MIRA 15:8)
(Fur industry—Technological innovations)

L 00667-67 EWT(m)/EWP(j)/T IJP(c) RM

4

ACC NR: AP6009867

(A)

SOURCE CODE: UR/0413/66/000/004/0065/0065

INVENTOR: Kalnin'sh, A. I.; Rakin, A. G.; Berzin'sh, G. V.; Sheydin, I. A.; Darzin'sh, T. A.; Muzhits, V. I.; Doronin, Yu. G.; Ziyemelis, A. E.; Churina, Ye. A.

ORG: none

B

21
B

TITLE: Preparation of wood plastics. Class 38, No. 178971 [announced by the Institute of Wood Chemistry AN LatSSR (Institut khimii drevesiny AN Latviyskoy SSR) and Central Scientific-Research Institute of Plywood (Tsentral'nyy nauchno-issledovatel'skiy institut fanery)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 4, 1966, 65

TOPIC TAGS: plywood, wood chemistry, wood plastic, forest product

ABSTRACT: An Author Certificate has been issued describing a method of preparing wood plastics. To improve the physical and mechanical properties of the end product and lower the amount of binder for making wood plastic from veneer sheets or ground wood, the latter are treated, prior to pressing, with a 25-percent solution of ammonia for 4 hr at 18--20°C. The treated sheets are combined with untreated sheets during pressing.

[LD]

SUB CODE: 11/ SUBM DATE: 25Jan65

Card 1/1 vlr

TMC: 674.812.2

CHURINOV, A.

Morizki srazhaiushcheisa Korei [Sailors of fighting Korea]. Moskva, Voenmorizdat,
1952. 95 p.

SO: Monthly List of Russian Accessions, Vol 7 No 2 May 1954.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURINOV, A.

Toward a new animation of the activity of societies. NTO 5
no.8:33-34 Ag '63. (MIRA 16:10)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

1. CHURINOV, A.
2. USSR (600)
4. Korea - Description and Travel
7. In Northern Korea. Vokrug sveta no.12, 1952

9. Monthly list of Russian Accessions, Library of Congress, March 1953, Unclassified

CHURINOV, A.

Standing aloof of life. NTO 4 no.10:40-41 O '62. (MIRA 15:9)

1. Spetsial'nyy korrespondent zhurnala "Nauchno-tehnicheskiye
obshchestva SSSR".
(Ryazan--Agricultural research)

CHURINOV, A.

Toward a new advance in the work of scientific and technical societies. Tekh delo 500;2 24N '63.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

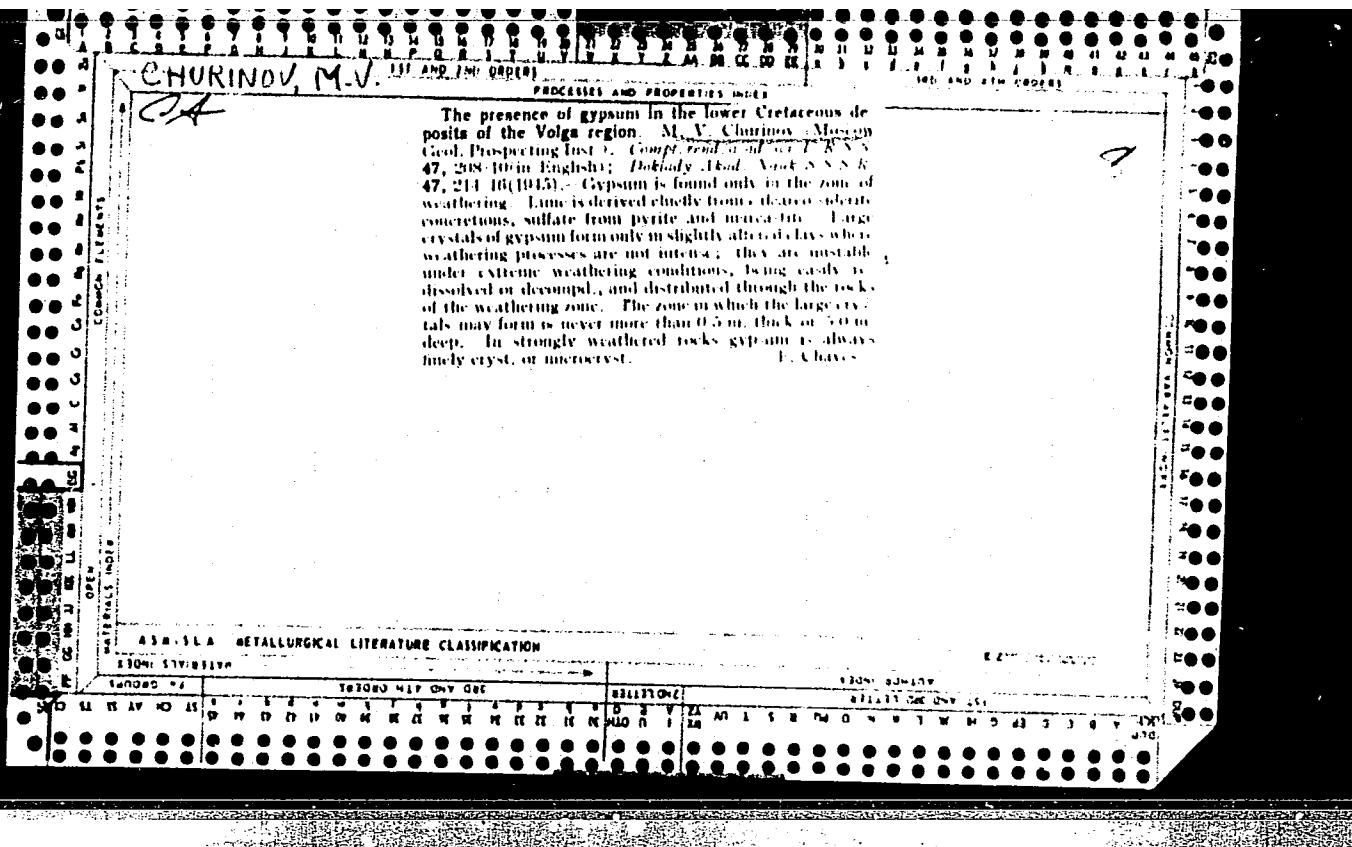
CHURINOV, A.I.

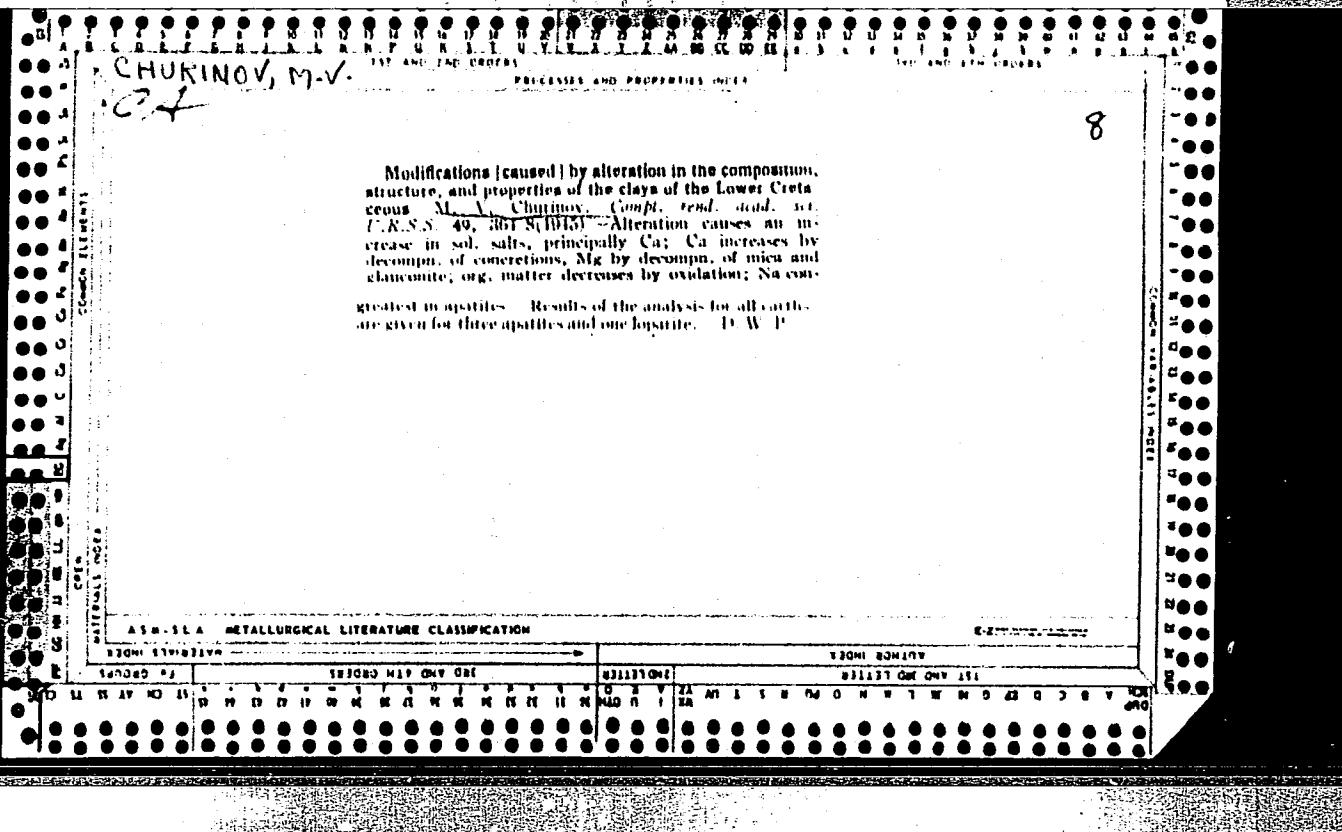
KOVALEV, A.P.; SHEMONAYEV, P.I., redaktor; CHURINOV, A.I., redaktor
izdatel'stva; VOLKOV, S.V., tekhnicheskiy redaktor

[Concise guidebook of Moscow] Kratkii putesvoditel' po Moskve.
Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1957. 299 p. (MLRA 10:9)
(Moscow--Guidebooks)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"





Popov, I.V.

345)

PHASE I BOOK EXPLOITATION

SOV/1693

Akademika sovetsk. Komitet po geodesii i geofizike.

Tesly dokladov na XI General'noy assamblee Mezhdunarodnogo gidrologicheskogo soveta. Mezhdunarodnyy assotsiativnyy zhurnal gidrologii (Abstracts of Reports Submitted to the 11th General Assembly of the International Union of Geodesy and Geophysics. The International Association of Scientific Hydrology) Moscow, 1957. 101 p. /Parallel texts in Russian and English or French/ 1,500 copies printed.

No additional contributors mentioned

PURPOSE: This booklet is intended for hydrologists and civil engineers.

COVERAGE: This collection of abstracts covers reports presented at the 11th General Assembly of the International Union of Geodesy and Geophysics on hydrological, erosional, and glaciological processes. Studies related to problems of underground waters, snow, and rivers are also discussed. The abstracts are in Russian, with English or French translations. Those appearing in English are designated by a single asterisk; those in French by two. There are no references given.

Card 1/4

Silin-Beloborodov, A.I. Types of Hydrochemical Maps in Hydrogeology *	68
Chernyayev, M.V. Hydrological Maps and Their Importance in Evaluating the Water-Bearing Capacity and Reserves of Underground Water *	71
Aver'yan, G.A. Glaciological Studies in the USSR *	74
Sulakvalidze, G.K. Physical Properties of a Snow Cover *	81
Sverdlov, P.P. Subject and Basic Problems in Glaciology in the USSR *	85
Smirnov, P.A. Basic Problems in Modern Glaciology in the Light of Present-Day Studies by Soviet Scientists *	88
Armand, D.L. Problems in the Study of Erosion Processes on the Territory of the USSR *	93

AVAILABILITY: Library of Congress. (SOV/1693.A97)

Card 4/4

SOV/1693

3-12-79

CHURINOV, M.V.

ANTONENKO, K.I.; TITOV, N.A.; CHAPOVSKIY, Ye.G.; CHURINOV, M.V.; GODOVIKOVA,
L.A., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiy redaktor

[Organization and production of hydrogeological charts, scale
1:500,000] Organizatsiya i proizvodstvo gidrogeologicheskoi
semki masshtaba 1:500,000. Sost. K.I.Antonenko i dr. Moskva,
Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane nedr, 1957.
111 p. (MIRA 10:7)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
gidrogeologii i inzhenernoy geologii
(Geological surveys)

CHURINOV, M.V.

ANTONENKO, K.I.; TITOV, N.A.; CHAPOVSKIY, Ye.G.; CHURINOV, M.V.;
GODOVIKOVA, L.A., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskiy
redaktor.

[Organization and production of hydrogeological charts on the
scale of 1:200,000-1:100,000] Organizatsiya i proizvodstvo gidro-
geologicheskoi s''emki mashtabov 1:200,000-1:100,000. Sost.
K.I.Antonenko i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po
geol.i okhrane nedr, 1957. 119 p. Map (fold.) 1. (MIRA 10:11)

1. Moscow. Vsesoiuznyj nauchno-issledovatel'skiy institut hidro-
geologii i inzhenernoy geologii.
(Geological surveys) (Water, Underground)

Churinov, M.V.

AUTHOR: Churinov, M.V., and Konoplyantsev, A.A. 132-12-7/12

TITLE: Socialist Construction Aided by Hydrogeology and Engineering Geology (Gidrogeologiya i inzhenernaya geologiya na sluzhbe sotsialisticheskogo stroitel'stva)

PERIODICAL: Razvedka i okhrana nedr, 1957, # 12, p 45-52 (USSR)

ABSTRACT: Hydrogeologic research covers the fields of water supply, irrigation, industry, road building, airfield and town planning, and prospecting. To meet these requirements, the number of hydrogeologic stations was increased from 16 in 1937 to 39 in 1939 with 2,000 observation points. Attached to the Academy of Sciences USSR was the Laboratory for Geologic Problems. By order of the "CHK" of the USSR of November 2, 1939, the hydrogeologic stations were administered by the Committee of Geology at the "CHK" USSR. During World War II the hydrogeologic stations were requested to perform new tasks, of which the main assignments pertained to:

1. Study of deep underground water resources for the extraction of iodine and bromine.
2. Prospecting for water for military, civilian and industrial purposes.

Card 1/3

132-12-7/12

Socialist Construction Aided by Hydrogeology and Engineering Geology

3. Geologo-engineering research of dams at small rivers.
4. Development of faster methods of the study of physico-mechanical properties of mountain rocks.
5. Artificial strengthening of the underground for the construction of airfields and roads.

6. Geologic and hydrogeologic research in Siberia, Ural and Central Asia in connection with the evacuation of industries and development of new mineral resources.

Expansion of hydrotechnical construction after World War II called for intensive hydrogeologic and engineering work. Besides the above mentioned tasks the organizations of the Ministry of Geology and Conservation of Natural Resources were requested to perform the following work:

- a. Geologic surveying.
- b. Prospecting for water resources on virgin soils and waste lands.
- c. Drilling of water wells for agricultural purposes.
- d. Geologic surveying for the installation of melioration and building of water reservoirs.
- e. Experiments for vertical drainage systems on saline soils

Card 2/3

132-12-7/12

Socialist Construction Aided by Hydrogeology and Engineering Geology

of Central Asia.

f. Locating of water supply for large towns and industries.
g. Study of local underground water resources and the process of landslides. Hydrogeologic research to supply machine tractor stations (MTS), state and collective farms on virgin soils and waste lands with water was not carried out before 1954-1955. During the 1951-1955 period hydrogeologic survey maps to the scales 1:500,000, 1:200,000 and 1:100,000 were prepared on several deserts and other territories of the USSR.

ASSOCIATION: VSEGIN GEO

AVAILABLE: Library of Congress

Card 3/3

CHURINOV, M.V.

Characteristics of landslides on the right bank of the Moskva River
in the Lenin Hills sector and the possibility of utilizing this area
for construction. Vop. gidrogeol. i inzh. geol. no.15:62-78 '57.

(MIRA 11:5)

(Moscow--Landslides)

CHURINOV, N. V.

KONOPLYANTSEV, A. A.; CHURINOV, M. V.

Small scale hydrogeological survey maps. Razved. i okhr. nedr 23 no. 4:
50-54 Ap '57.
(MIRA 1:1)

1. Ministerstvo geologii i okhrany nedr SSSR i Vsesoyuznyy nauchno-
issledovatel'skiy institut gidrogeologii i inzhenernoy geologii.
(Geology--Maps) (Water, Underground)

AUTHOR: Churinov, M.V. (VSEGIN GEO) 132-58-5-9/14

TITLE: The Fourth International Conference on the Mechanical Properties of Soils and Foundation Construction (Chetvërtaya mezhunarodnaya konferentsiya po mekhanike gruntov i fundamentostroyeniyu)

PERIODICAL: Razvedka i Okhrana Nedr, 1958, Nr 5, pp 52 - 55 (USSR)

ABSTRACT: This conference took place in London from 13 to 29 August 1957. The Soviet delegation was headed by the Member-Correspondent of the USSR Academy of Sciences, V.V. Sokolovskiy.

AVAILABLE: Library of Congress

Card 1/1 I. Soils-Conference

VSESOYUZNYY NAUCHNO-ISSLEDOVATEL'SKIY INSTITUT GIDROGEOLOGII
INZHENERNOY GEOLOGII

SOV/132-59-7-15/17

AUTHORS: Sokolov, S.S. and Churinov, M.V.

TITLE: On Foreign Methods of Research into the Shear Strength
of Argillaceous Soils

PERIODICAL: Razvedka i okhrana nedr, 1959, Nr 7, pp 59-62 (USSR)

ABSTRACT: Different methods of research on the shear strength
of argillaceous soils in USA, Germany and in Scandi-
navian countries are described in this article. There
are 2 tables and 5 graphs.

ASSOCIATION: VSEGINGEO

Card 1/1

CHURINOV, M.V.

Formation of underground waters in the southwestern part of the main
Crimean mountain chain. Vop. gidogeol. i inzh.geol. no.16:44-60 '59.

(MIRA 12:11)

(Crimea--Water, Underground)

CHURINOV, M.V.

Interstitial and karst in the Chatyr-Dag and the outlook for
their utilization. Vop. gidrogeol. i inzh. geol. no.17;22-30
'59. (MIRA 14:1)
(Chatyr-Dag Mountain—Water, Underground)

CHURINOV, M.V.; TSYPINA, I.M.

Role of recent tectonic movements in the development of landslide
processes on the southern shore of the Crimea. Vop. gidrogeol.
i inzh. geol. no. 18:83-92 '59. (MIRA 14:5)
(Crimean Mountains --Geology, Structural)
(Crimean Mountains -Landslides)

"APPROVED FOR RELEASE: 06/12/2000 **CIA-RDP86-00513R000509130003-0**

~~SECRET~~ ~~ALL INFORMATION CONTAINED~~ ~~HEREIN IS UNCLASSIFIED~~ ~~DATE 2010 BY SPK~~
DURMANINA, V. I., and MARINOV, N. A.

"Main Principles and Methods of Compiling Survey (Small Scale)
Hydrogeological Maps of USSR."

report presented at the 12th General Assembly of the International Union
of Geodesy and Geophysics, Helsinki, 25 July - 6 Aug 60.

APPROVED FOR RELEASE: 06/12/2000 **CIA-RDP86-00513R000509130003-0"**

AL'TOVSKIY, Mikhail Yevgen'yevich; BRODSKIY, A.A.. Prinimali uchastiye:
DOBRYNIN, P.A.; SLAVYANOVA, L.V., CHURINOV, M.V.. CHAPOVSKIY,
Ye.G., red.; SOLOV'YEVA, kartograf, red.kart; DOLGONOS, L.G.,
tekhn.red.kart; GRISHINA, T.B., red.izd-va; BYKOVA, V.V., tekhn.
red.

[Methodological directions for the compilation of hydrogeological
maps at the scales of 1:1,000,000 - 1:500,000 and 1:200,000 -
1:1,100,000] Metodicheskie ukazaniia po sestavleniiu gidrogeolo-
gicheskikh kart, masshtabov 1:1,000,000 - 1:500,000 i 1:200,000 -
1,100,000. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i
okhrane nedr, 1960. 49 p., maps. (MIRA 13:6)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut hidro-
geologii i inzhenernoy geologii.
(Water, Underground--Maps)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURINOV, M.V.

Principles and method for compiling a general map of the U.S.S.R.
on a scale of 1: 2 500 000 for purposes of engineering geology.
Biul. MOIP. Otd. geol. 35 no.4:143-144 Jl-Ag '60. (MIRA 14:4)
(Geology--Maps)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

BOCHEVER, F. M.; KUDELIN ; CHURINOV, M. V. (URSS)

"On the problem of refluting the underground waters on hydrogeological maps."

Presented at the Symposium on Methods of Evaluating Resources Of underground Water with Emphasis on Arid Zone Problems, Athens
11-20 Oct 1961

RYABCHENKOV, A.S.; ANTONENKO, K.I.; TITOV, N.A.; CHAPOVSKIY, Ye.G.;
CHURINOV, M.V.; KONOPLYANTSEV, A.Z.; VIKTOROV, S.V.; VOSTOKOVAYA,
Ye.A.; SADOVSKIY, N.D.; KUDELIN, B.I.; OGIL'VI, N.A.;
LUNGERSGAUZEN, G.F.; BRODSKIY, I.A.; SHCHERBAKOV, A.V.; POPOV,
V.N.; YEMEL'YANOVA, S.P.; SOKOLOV, S.S.; BERSENEV, I.I.; GROSHIN,
S.I.; MAKKAVEYEV, A.A.; MARINOV, N.A.; YEFIMOV, A.I.; ASSOVSKIY,
G.N.; VLADIMIROV, A.G. [deceased]; PROKHOROV, S.P.; FILIPPOVA,
B.S., red. izd-va; BYKOVA, V.V., tekhn. red.

[Methodological manual on hydrogeological surveying at the scales
of 1:1,000,000 - 1:500,000 and 1:200,000 - 1:100,000] Metodiches-
koe rukovodstvo po gidrogeologicheskoi s"emke mashtabov
1:1000 000 - 1:500 000 i 1:200 000 - 1:100000. Pod obshchey
red. A.A. Makkaveeva i A.S. Riabchenkova. Moskva, Gos. nauchno-
tekhn. izd-vo lit-ry po geol. i okhrane nedr, 1961. 318 p.
(MIRA 15:3)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr.
(Water, Underground) (Geological surveys)

KUDELIN, B.I., prof., otv. red.; GORDEYEV, D.I., prof., red.;
MAKARENKO, F.A., doktor geol.-miner. nauk, red.; CHURINOV,
M.V., doktor geol.-min. nauk, red.; GOLODKOVSKAYA, G.A.,
kand. geol.-min. nauk, red.; ROMANOVSKIY, N.N., red.;
YERMAKOV, M.S., tekhn. red.

[Collected articles on hydrogeology and engineering geology]
Sbornik statei po voprosam gidrogeologii i inzhenernoi geologii.
Pod red. N.N.Romanovskogo. Moskva, Izd-vo Mosk. univ., 1962.
428 p. (MIRA 15:3)
(Water, Underground) (Engineering geology)

CHURINOV, M.V.; TSYPINA, I.M.; LAZAREVA, V.P.

Principles and methods for compiling general areal maps
of the U.S.S.R. on a 1:1,500,000/1:2,500,000 scale.
Sov.geol. 5 no.11:112-124 N '62. (MIRA 15:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut
gidrogeologii i inzhenernoy geologii.
(Engineering geology—Maps)

DUBROVKIN, V.L., nauchn. red.; CHURINOV, M.V., nauchn. red.;
ZHARKOVA, A.P., tekhn. red.

[Problems of regional engineering geology] Voprosy re-
gional'noi inzhenernoi geologii. Moskva, 1963. 85 p.
(MIRA 16:11)

l. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy institut
gidrogeologii i inzhenernoy geologii.
(Engineering geology)

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

DUBROVKIN, V.I. [deceased]; CHURINOV, M.V.

Reasons for the instability of open pit edges. Trudy VSEGVNGEO
no. 1:40-45 '63.
(MIRA 17:5)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

SOKOLOV, S.S.; CHURINOV, M.V.

Rare kind of landslide deformation in the slope of a river
valley. Trudy VSEGINGEO no. 1:46-50 '63. (MIRA 17:5)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURINOV, M.V., doktor geol.-mineral.nauk (Moskva)

Lake created by a landslide. Priroda 53 no.8/88-91 '64.
(MIRA 1729)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

TRAKHTENGERTS, M.B., inzhener; CHURIMOV, P.I.

Work experience of road repair points on main highways with intensive traffic. Avt.dor.19 no.3:5-7 Mr '56. (MIRA 9:7)
(Roads--Maintenance and repair)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

YEVSTRATOVA, N.M., student; GUBERNSKAYA, T.N., student; CHURINOVA, L.G.,
student; BARAMBOYM, N.K., doktor khimicheskikh nauk, prof.

Ion exchanging compositions containing thiol groups.
Nauch. trudy MTILP no.26:35-37 '62. (MIRA 17:5)

1. Kafedra fizicheskoy i kolloidnoy khimii Moskovskogo
tekhnologicheskogo instituta legkoy promyshlennosti.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURINOVА, M.P.

Some characteristics of turbulency in days having cumulus sky
conditions. Trudy GGO no.13:14-18 '48. (MLRA 10:1)
(Atmospheric trubulence)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

CHURINOVA, M.P.

AMS

WIND

3.5-215

551.551:551.524.4:551.571.4

Churinova, M.P., O turbulentnosti v nekotorye dni s kuchevymi oblakami. (Turbulence on certain days with cumulus clouds.) Leningrad, Sverchniaia Geofizicheskaiia Observatorija, Trudy, 24(86):20-26, 1951. 4 figs., 7 tables, 3 refs., equations. DLC- Temperature, humidity and wind soundings were made at 2 hours intervals at elevations from 0.2 to 3 km on several clear days and on one cloudy day (convective clouds). Richardson's number was calculated for every time interval and elevation. The mean vertical gradient of daily temperature and the daily march of turbulence during these two weather types are determined and discussed. Subject Headings: 1. Atmospheric turbulence 2. Cumulus clouds 3. Vertical temperature gradient 4. Richardson's number. I.L.D.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

СИЧАНОВА, М. Г.
"Some Data on the Coefficient of Turbulence in the
Atmosphere," Trudy CGO (Proceedings of the Main Geophysical
Observatory), No 28 (90), 1951

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

CHURINOVA, M. P., BORUSHKO, I. S., ONEVA, T. A., and KIRILLOVA, T. V.

"Description of Observation Procedures and Areas".
Trudy Gl. Geofiz. Observ., No 39, pp 290-298, 1953.

Information on the observations made by the expedition of the Main Geophysical Observatory to Pakhta-Ara and to Golodnaya Step' in the Month of July of 1952 is given. (RZhGeol, No 11, 1955)

SO: Sum No 884, 9 Apr 1956

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

CHURINOVA, M.P.

Some characteristics of turbulence in days with stratus clouds.
Trudy GGO no.54:31-43 '55. (MLRA 9:8)
(Clouds) (Atmospheric turbulence)

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0

~~CHURINOVA, M.P.~~

Calculating the Richardson number. Trudy GGO no.63:173-176 '56.
(MLRA 10:5)
(Atmospheric turbulence).

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000509130003-0"

CHURINOVA, M.P.

Computing the coefficient of eddy viscosity on the basis of temperature and wind sounding. Trudy GGO no.63:168-172 '56. (MLRA 10:5)
(Atmospheric turbulence)

CHURNOVA M. P.

PHASE I BOOK EXPLOITATION

SOV/4173

SOV/2-S-102

Leningrad. Glavnaya geofizicheskaya observatoriya

Voprosy fiziki oblakov (Problems in the Physics of Clouds) Leningrad, Gidrometeoizdat, 1960. 102 p. (Series: Its: Trudy, vyp. 102). Errata slip inserted. 1,150 copies printed.

Additional Sponsoring Agency: USSR. Glavnoye upravleniya gidrometeorologicheskoy sluzhby. Ed. (Title page): N. S. Shishkin, Doctor of Physics and Mathematics; Ed. (Inside book): V. S. Protopopov; Tech. Ed.: M. I. Braynina.

PURPOSE: The publication is intended for the scientific workers in meteorology and aerology, as well as for graduate students in these fields.

COVERAGE: This is a collection of 6 articles published as No. 102 of the Transactions of the Main Geophysical Observatory imeni A. I. Voyeykov and dealing with the physics of clouds. Individual articles are concerned with convective clouds and their radar characteristics, the microstructure of supercooled clouds, radar characteristics of thunderstorms, and the problem of the optimum radio wave for detection of cloud systems and precipitation. References accompany each article.

Card 1/2

Problems in the Physics of Clouds

SOV/4173

TABLE OF CONTENTS:

Selezneva, Ye. S., and M. P. Churinova. Some Characteristics of the Condition of the Atmosphere During the Formation of Cumulus and Cumulonimbus Clouds	3
Shishkin, N. S. Investigations of the Breakup of Convective Clouds During Unstable Stratification of the Atmosphere	21
Nikandrova, G. T., and M. A. Khimach. Characteristics of the Microstructure of Supercooled Clouds	50
Nikandrova, G. T., and Yu. S. Fridman. On the Problem of Method in Determining the Characteristics of the Distribution of Droplet Sizes in Clouds	58
Kotov, N. F. Radar Characteristics of Cloudbursts and Thunderstorms	63
Sal'man, Ye. M. Problem of the Optimum Length of Radio Wave for the Detection of Cloud Systems and Precipitation	94

AVAILABLE: Library of Congress
Card 2/2

JA/edw/fal
9-9-60

S/124/61/000/011/041/046
D237/D305

AUTHORS: Vorontsov, P.A., and Churinova, M.P.

TITLE: On the relation of the coefficient of turbulent ex-change to the Richardson number

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 11, 1961, 117, abstract 11B758 (Tr. Gl. goefiz. observ. 1960, no. 105, 67 - 72)

TEXT: The coefficient of turbulence was calculated according to the Lyapin formula from the measurements of turbulent oscillations by means of an aerostat. The Richardson number was found for respective cases from the readings of aerostatic meteorograph. No clear dependence between those magnitudes was found. The work gives vertical profiles of the turbulence coefficient for various times of the day and night. It appears that the coefficient of turbulence increases up to a height of 100 - 300 m, and its maximum values fall in the range of 20 - 40 m²/sec. [Abstractor's note: Complete translation].

Card 1/1

CHURINOVA, M.P.

Waves at the tropopause over high latitudes during the International
Geophysical Year. Trudy GGO no.134:38-74 '62. (MIRA 15:6)
(Atmospheric pressure)

CHURINOVA, M.P.

Relation of the height of the tropopause to ground pressure and
to the height of the 500 mb level at high latitudes. Trudy GGO
no.134:119-122 '62. (MIRA 15:6)
(Atmosphere)

NESTERENKO, Ye.G.; CHURISTOV, K.V.

Characteristics of crystal structure changes in the process of Cu-Ag
alloy decomposition. Sbor. nauch. rab. Inst. metallofiz. AN URSR
no.10:104-110 '59. (MIRA 13:9)
(Copper-silver alloys--Metallography)

CHURKIN, A., inzhener; GERAVIKH, L., inzhener.

Launching vessels by means of a floating support. Mor.flot 15 no.3:
31 Mr '55. (MIRA 8:5)
(Ships--Launching)

VORONKOV, V.A., red.; DMITRYUK, A.N., red.; INKIN, S.G., red.; MAKSIMOV,
I.A., red.; ROMANOV, N.Ye., red.; FEDORENKO, V.A., red.; CHURKIN,
A.N., red.; TERENT'YEV, G.A., red.; KOLESOVA, Z.M., tekhn.red.

Sochi. Leningrad, Gos.izd-vo "Iskusstvo," 1959. 19 p., illus.
(MIRA 12:9)

(Sochi--Description)